

PTO/SB/21 (08-00)

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	09/857,606
Filing Date	August 2, 2001
First Named Inventor	Mats Dahlbäck
Group Art Unit	1742
Examiner Name	T. McGurthy Banks
Total Number of Pages in This Submission	1
Attorney Docket Number	19378.0011

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Statement Claiming Small Entity Status	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Second Supplemental Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Eric J. Franklin, Reg. No. 37,134  
Swidler Berlin Shreff Friedman, LLP

Signature



Date

August 29, 2002

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Application No. 09/827,606  
Applicant: Danback et al.

Docket No 19378.0011  
Atty.: E Franklin

Due Date: no due date

The following was/were received in the U.S. Patent and Trademark Office on the date stamped heron.

- Second Supplemental Response
- Petition for Mo. Ext. of Time
- Response to Restriction Requirement
- Resp. to Msg. Ptrs & Copy of Notice
- Executed Declaration and P.O.A.
- Priority Document
- Assignment & Cover Sheet
- Req. to Approve Drawing Changes  
Sheet(s) formal drawings
- Transmittal Form

<input type="checkbox"/>
<input checked="" type="checkbox"/>
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- IDS w/ 1449 &
- Issue Fee Transmittal
- Notice of Appeal
- Appeal Brief
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- Request for Refund
- Request for corrected Filing Receipt
- Other:
- Deposit Account Authorization
- Fee Transmittal



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FAX (212) 891-9598

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January 16, 2003 (10:33 AM)

**PLEASE DELIVER TO:**

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*From:* Eric J. Franklin *Telephone No.:* (202) 424-7605

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*Total # of Pages:* 37 (including cover page)

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19378.0011

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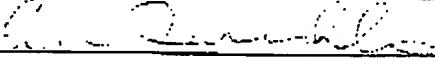
(to be used for all correspondence after initial filing)

		Application Number	09/857,606
		Filing Date	August 2, 2001
		First Named Inventor	Mats Dahlback
		Group Art Unit	1742
		Examiner Name	T. McGurthry Banks
Total Number of Pages in This Submission		Attorney Docket Number	19378.0011

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below).
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	certified translation of Swedish patent application no. 9804292-2
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric J. Franklin, Reg. No. 37,134 Swidler Berlin Shreff Friedman, LLP
Signature	
Date	July 16, 2002

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Application No. 09/857,606	Docket No. 19378.0011
Applicant Dahlback et al.	Atty.: E Franklin
Due Date: August 17, 2002	

The following was/were received in the U.S. Patent and Trademark Office on the date stamped heron.

<input checked="" type="checkbox"/> Amendment (or Response)	<input type="checkbox"/> IDS w/ 1449 & Responses
<input type="checkbox"/> Petition for Mo. Ext. of Time	<input type="checkbox"/> Issue Fee Transmittal
<input type="checkbox"/> Response to Restriction Requirement	<input type="checkbox"/> Notice of Appeal JUL 17 2002
<input type="checkbox"/> Resp. to Msg. Prts & Copy of Notice	<input type="checkbox"/> Appeal Brief
<input type="checkbox"/> Executed Declaration and POA	<input type="checkbox"/> Maintenance fee transmittal
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<input type="checkbox"/> Assignment & Cover Sheet	<input type="checkbox"/> Request for corrected Filing Receipt
<input type="checkbox"/> Req. to Approve Drawing Changes	<input type="checkbox"/> Other: certified translation of
Sheet(s) formal drawings	Swedish 9804292-2
<input checked="" type="checkbox"/> Transmittal Form	<input checked="" type="checkbox"/> Deposit Account Authorization
	<input type="checkbox"/> Fee Transmittal

PTO/SB/21 (08-00)

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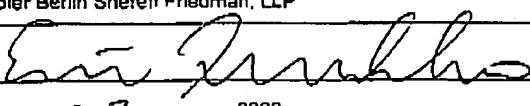
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		Application Number	09/857,606
		Filing Date	August 2, 2001
		First Named Inventor	Mats Dahlback
		Group Art Unit	1742
		Examiner Name	T. McGurthy Banks
Total Number of Pages in This Submission		Attorney Docket Number	19378.0011

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Supplemental Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Statement Claiming Small Entity Status <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric J. Franklin, Reg. No. 27,134 Swidler Berlin Shreff Friedman, LLP
Signature	
Date	July 22, 2002

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Application No. 09/257,606  
Applicant: Dahlback et al.

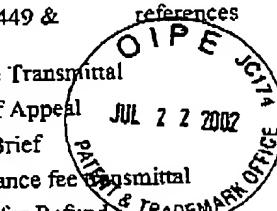
Docket No. 19378.0011  
Atty.: E Franklin

Due Date: no due date

The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon.

<input checked="" type="checkbox"/>	Supplemental Amendment (or Response)
<input type="checkbox"/>	Petition for Mo. Ext. of Time
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<input type="checkbox"/>	Fee Transmittal



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dahlbäck et al. : Attorney Docket: 19378.0011  
Application No.: 09/857,606 : Examiner: T. McGurthry Banks  
Filed: August 2, 2001 : Art Unit: 1742

Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

7/9

6/17/03  
01/17/03

Supplemental Response

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

This is in further response to the office action issued May 17, 2002.

Remarks:

With respect to the rejections under 35 U.S.C. § 102(b) and the Nomoto et al. and Nanda et al. references, the following paragraphs should replace the paragraphs included in the response filed July 17, 2002.

Nomoto et al. does not disclose the present invention since, among other things, Nomoto et al. does not disclose an alloy that includes 0.65-1.6 percent by weight of Nb. Rather, Nomoto et al. discloses an alloy that includes 0-1.0 percent by weight of Nb, as described in the "Constitution" of Nomoto et al. and as described in paragraph number 10 of the office action.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: :  
Dahlbäck et al. : Attorney Docket: 19378.0011  
Application No.: 09/857,606 : Examiner: T. McGurthry Banks  
Filed: August 2, 2001 : Art Unit: 1742

Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

## Second Supplemental Response

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In further response to the office action issued May 17, 2002, please amend the above-identified application as follows::

## In the Claims:

Please cancel claim 16.

## Remarks:

Claims 13-15 and 17-26 are now pending in this application. Applicants have canceled claim 16. Applicants respectfully request favorable reconsideration of this application.

With respect to the present invention as characterized on page 6, paragraph 2 of the response filed July 17, 2002, the inventors have found that the corrosion resistance of an alloy is improved if the niobium content is *above* 0.65, rather than *about* as stated in the response.

With respect to the rejections under 35 U.S.C. § 102(b) and Anada et al. reference, the

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: :  
Dahlbäck et al. : Attorney Docket: 19378.0011  
Application No.: 09/857,606 : Examiner: T. McGurhry Banks  
Filed: August 2, 2001 : Art Unit: 1742

Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

## Supplemental Response

Assistant Commissioner for Patents  
Washington, DC 20231

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In re application of: :  
Dahlbäck et al. : Attorney Docket: 19378.0011  
Application No.: 09/857,606 : Examiner: T. McGurhry Banks  
Filed: August 2, 2001 : Art Unit: 1742

Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

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